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PTO/SB/21 (04-04) Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE bond to a collection of information unless it displays a valid OMB control number.

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TRAI	ALCONDITT A L		Application Number	10/801,9	27
ART I RAI	NSMITTAL		Filing Date	03/16/20	04
	FORM	[i	First Named Inventor	Akiyoshi	AOYAGI
(to be used for all co	(to be used for all correspondence after initial filing)		Art Unit	2822	
		Ī	Examiner Name	Kiesha L	. Rose
Total Number of Page	s in This Submission	· /	Attorney Docket Number	93198-0	00669
		ENCLOS	URES (check all that apply)		
Fee Transmittal F	-orm	Drawing(s)		Allowance Communication to nology Center (TC)
Fee Attached	ı	Licensing	-related Papers		al Communication to Board of als and Interferences
Amendment / Re	ply	Petition		☐ Appea	al Communication to TC al Notice, Brief, Reply Brief)
After Final		_	o Convert to a al Application	☐ Propri	etary Information
Affidavits/dec	claration(s)		Attorney, Revocation of Correspondence Address	☐ Status	s Letter
Extension of Time	e Request	Terminal	Terminal Disclaimer		r Enclosure(s) e identify below):
Express Abandonment Request		1= '	Request for Refund CD, Number of CD(s)		OP Form 1449; One (1) Foreign atent Document; Return ostcard
☐ Information Discl	osure Statement				
Certified Copy of Document(s)	Priority	Remarks	6		
Response to Miss	sing Parts/ cation				
Response to Parts under 3 1.52 or 1.53	Missing				
	SIGNA	TURE OF AP	PLICANT, ATTORNEY,	OR AGENT	
Firm or Individual name	Firm or Harness, Dickey & Pierce, P.L.		Attorney Name G. Gregory Schivley / Bryant E. Wade	R	eg. No. 7,382 / 40,344
Signature		11. Th	ym Ulive	4	
Date October 7, 2005) <u>/</u>		
	/ c	ERTIFICATE	OF TRANSMISSION/MA	ILING	
I hereby certify that the Service with sufficier Alexandria, VA 22313	nt postage as first o	class mail in a	ile transmitted to the USPTo in envelope addressed to:	O or deposited Commissioner	d with the United States Postal r for Patents, P.O. Box 1450,
Typed or printed nam	e G. Gregory So	chiyley / Bryant	E. Wade	Express Mail Label No.	EV 717 344 888 US
Signature		1.//ww	m/ /llwlu	Date	October 7, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. (122) and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burder, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box (450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

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PTO/SB/17 (12-04)

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न्स	FEE TO ANOMITTAL		Complete if Known	
QIPE	FEE TRANSMITTAL	Application Number	10/801,927	
	%∖ for FY 2005	Filing Date	03/16/2004	
OCT 07 2	 05	First Named Inventor	Akiyoshi AOYAGI	
\	- 	Examiner Name	Kiesha L. Rose	
TRADENA	Applicant claims small entity status. See 37 CFR 1.27	Art Unit	2822	
RADEM	TOTAL AMOUNT OF PAYMENT (\$) 180	Attorney Docket No.	9319S-000669	
	METHOD OF DAVMENT (shorts all the description	T	ESS OALONG ATTOMA (C. 1)	

ME.	THOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)						
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Account Number	50-3213	1052	50	2052	25	Surcharge - late or cover sheet.	provisional filing fee	
.		1053	130	1053	130	Non-English spe	cification	
Deposit Account	Epson R & D	1812	2,520	1812	2,520	For filing a reque	est for reexamination	
Name		1804	920*	1804	920*	Requesting publ Examiner action	ication of SIR prior to	
Charge fee(s) ir	thorized to: (check all that apply) idicated below ☑ Credit any overpayments	1805	1,840*	1805	1,840*	Requesting publ Examiner action	ication of SIR after	
	litional fee(s) during the pendency of this application	1251	120	2251	60	Extension for rep	oly within first month	
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2. EXTRA CLAI	M FEES FOR UTILITY AND REISSUE	1807	50	1807	50	-	inder 37 CFR 1.17 (q)	
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Claims Multiple	-3** = 0 X = 0	1809	790	2809	395		ion after final rejection	
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Name (Print/Type)	G. Gregory Schivley Registration No.	,	/ X	382 /				
· · · · · · · · · · · · · · · · · · ·	Bryant E. Wade (Attorney/Agent)		40,	344		Telephone	(248) 641-1600	
Signature	1. might	we		_		Date	October 7, 2005	
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

fication No.:

10/801,927

Filing Date:

03/16/2004

Applicant:

Akiyoshi Aoyagi

Group Art Unit:

2822

Examiner:

Kiesha L. Rose

Title:

SEMICONDUCTOR DEVICE, ELECTRONIC DEVICE, ELECTRONIC APPARATUS. METHOD OF

MANUFACTURING SEMICONDUCTOR

Attorney Docket:

9319S-000669

Director of the United States Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant hereby submits an Information Disclosure Statement for consideration by the Examiner.

I. <u>LIST OF PATENTS, PUBLICATIONS, AND OTHER INFORMATION</u>

The patents, publications and other information requested to be considered by the Office (except unpublished U.S. patent applications) are listed on Form 1449 attached hereto.

II. COPIES

A. Submitted herewith is a legible copy of (i) each foreign patent; (ii) each publication or that portion which caused it to be listed, other than U.S. patents and U.S. patent application publications unless required by the Office; (iii) each unpublished U.S. application listed below in Section IV (i.e., including the specification, claims, and any drawing of the application, or that portion of the application which caused it to be listed, including any claims directed to that portion), except for such applications filed on or after June 30, 2003, pursuant to the Waiver of the Copy Requirement in 37 C.F.R. 1.98 (OG Notice dated October 19, 2004); and (iv) all other information or that portion which caused it to be listed.

10/12/2005 EFLORES 00000108 503213 10801927

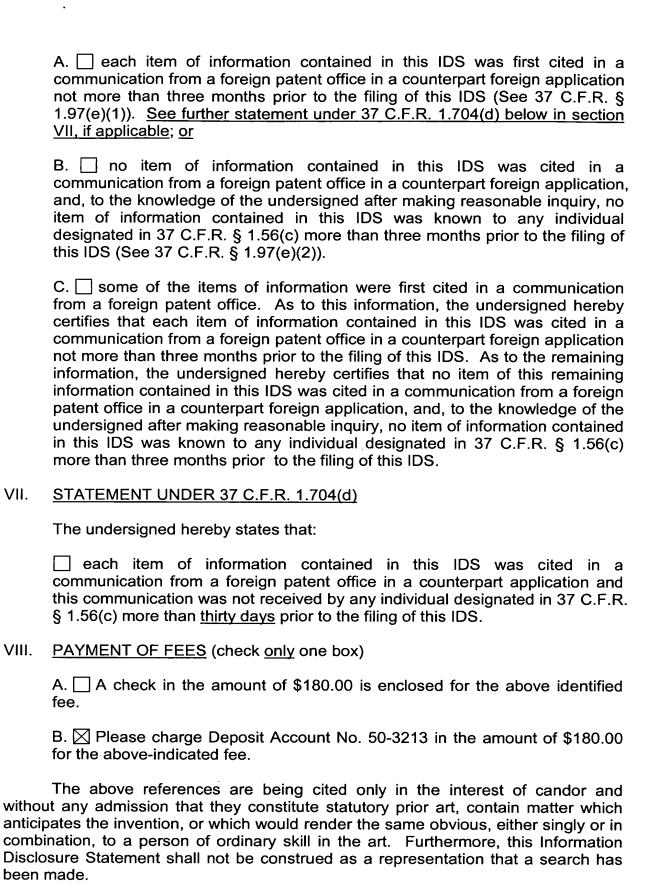
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	1449 or on the copies of previously cited by or	FPTO-892, but which submitted to the	are not enclosed herewith PTO in one of the foll r an earlier filing date und	, were lowing
	U.S. Serial Nun	nber	U.S. Filing Date	
	United States. A copy Examiner's information. report are listed on the and for listing on any pa Search report was from these references should	of the International S The documents list attached Form 1449 f tent resulting from the the US, EPO, or J have been supplied	try of the National Phase Search Report is attached to sted on the International Stor consideration by the Example is application. If the Internation Search authorities, copto the USPTO under the trip of the above-identified applicant	for the Search aminer ational pies of lateral
III.	CONCISE EXPLANATION	ON OF THE RELEVA	NCE (check <u>at least</u> one bo	ox)
			B), all of the patents, public guage (concise explanation	
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IV.	CROSS REFERENCE 1	O RELATED APPLI	CATION(S)	
	contain(s) subject matte	er that may be relate plication(s) to the E	lowing co-pending applica d to the present applicatio xaminer's attention, Applicans of 35 U.S.C. § 122.	n. Èý
	Serial No.	Filing Date	Art Unit	

V. THIS IDS IS BEING FILED UNDER	
A.	
1. within three months of the filing date of a national other than a continued prosecution application under § C.F.R. § 1.97(b)(1)). No fee or certification is required.	applicatior 1.53(d) (37
2. within three months of the date of entry of the nation set forth in § 1.491 in an international application (37 1.97(b)(2)). No fee or certification is required.	al stage as 7 C.F.R. §
3. before the mailing of a first Office Action on the merits § 1.97(b)(3)). No fee or certification is required. In the even Office Action on the merits has been issued, please considunder 37 C.F.R. § 1.97(c) and see the certification under 31.97(e) below; or, if no certification has been made, charge account a fee in the amount of \$180.00 as required by 31.17(p).	t that a first ler this IDS 37 C.F.R. § our deposit
4. before the mailing of a first Office Action after the request for continued examination under 37 C.F.R. § 1.114. certification is required.	filing of a No fee or
B. 37 C.F.R. § 1.97(c): (check <u>only</u> one box)	
before the mailing date of either any Final Office Action under § 1.113, a Notice of Allowance under 37 C.F.R. § 1.311, o that otherwise closes prosecution.	er 37 C.F.R er an action
1. \boxtimes No certification; therefore, a fee in the amount of required by 37 C.F.R. § 1.17(p).	\$180.00 is
2. See the certification below. No fee is required.	
C. 37 C.F.R. § 1.97(d):	
after the mailing date of either a Final Office Action under 3 1.113 or a Notice of Allowance under 37 C.F.R. § 1.311, before payment of the issue fee.	37 C.F.R. § , yet on or
1. See the certification below. A fee in the amount of required by 37 C.F.R. § 1.17(p).	\$180.00 is
VI. CERTIFICATION UNDER 37 C.F.R. § 1.97(e): (check only one box	:)

The undersigned hereby certifies that:



If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 50-3213 (Epson R&D).

Please charge any additional fees or credit any overpayment pursuant to 37 C.F.R. § 1.16 or § 1.17 to Deposit Account No. 50-3213 (Epson R&D).

Respectfully submitted,

Dated: October 7, 2005

6. Gregory Schlivley

Reg. No. 27,382 Bryant E. Wade Reg. No. 40,344

Harness, Dickey & Pierce, P.L.C. P.O. Box 828 Bloomfield Hills, Michigan 48303 (248) 641-1600

GGS/BEW/JAH



FORM HDP-1449 (152 sed on Form PTO-1449)

PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Sheet 1 of 2

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ATTORNEY DOCKET No.	SERIAL NO.	
9319S-000669	10/801,927	
APPLICANT		
Akiyoshi AOYAGI		
FILING DATE	GROUP	_
03/16/2004	2822	

U.S. P	ATENT DO	CUMENTS				
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.		6,023,097	02/08/2000	Chiang et al.		
2.		6,025,650	02/15/2000	Tsuji et al.		
3.		6,034,425	03/07/2000	Chiang et al.		
4.		6,288,445	09/22/2001	Kimura		
5.		2002/0017709	02/14/2002	Yanagisawa et al.		
6.		6,489,678	12/03/2002	Joshi		
7.		6,573,119	06/03/2003	Hirashima et al.		
8.		6,611,063	08/26/2003	Ichinose et al.		
9.		6,627,991	09/30/2003	Joshi		
10.		6,731,009	05/04/2004	Jones et al.		
11.		2004/0222510	11/11/2004	Aoyagi		
12.		2004/0238954	12/02/2004	Miyaji et al.		
13.		6,903,458	06/07/2005	Nathan		-

FORE	FOREIGN PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	* No
1.		JP 10-340928	12/22/1998	JAPAN		Abstract	

Examiner:	Date Considered:

FORM HDP-1449 (Based on Form PTO-1449)

PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Sheet 2 of 2

SERIAL NO.	
10/801,927	
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2822	
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OTHE	R DOCUME	ENTS (including Author, Title, Date, Pertinent Pages, etc.)	-
Ref. Desig.	Examiner's Initials		
1.			

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Examiner:	Date Considered:	
	Date Considered.	